

IN THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of the claims in the application:

1-49. (Canceled)

50. (Currently amended) A method for providing information from hyper-linked pages over a computer network, comprising:

mapping a plurality of target pages, each of the target pages having a network address and comprising at least one hyperlink to a related page;

identifying a set of linked related pages for each of the plurality of target pages;

automatically selecting objects from the target pages and each set of linked related pages, the objects comprising at least one hyperlink from a first page to a second page in the set of related pages, for each of the plurality of target pages, and non-hyperlink information objects;

generating map information regarding the target pages and each set of linked related pages, the mapping information comprising a descriptor of each of the objects selected from each set and a descriptor of selected pages from each set, for each of the plurality of target pages; and

compiling a list in response to a query for information, the list comprising identifiers for the plurality of target pages having a set of linked related pages comprising information responsive to the query, wherein each identifier in the list is associated with at least a portion of the map information generated for each respective set of linked related pages.

51. (Currently amended) A method according to Claim 50, wherein the generating step further comprises:

defining an identifier for each selected object;

~~defining an identifier for each page of the set of linked related pages;~~

defining at least one property for each link object in said selected objects,
describing said link object; and

including the identifier and the property for each selected object in the map information.

52. (Previously presented) A method according to Claim 50, further comprising creating a map page comprising a graphical representation of selected map information for at least one of the set of linked related pages.

53. (Previously presented) A method according to Claim 52, wherein the creating step further comprises representing the selected map information as a hierarchy of linked pages.

54. (Previously presented) A method according to Claim 52, further comprising serving the map page in response to selection of an associated one of the identifiers in the list.

55. (Currently amended) A method according to Claim 52, wherein the creating step further comprises including a thumbnail image in the map page, wherein the thumbnail image comprises a reduced-size image generated from ~~graphical information~~ a non-reduced size image in the set of linked related pages.

56. (Previously presented) A method according to Claim 50, further comprising storing the map information in a database for later use in the compiling step.

57. (Previously presented) A method according to Claim 56, further comprising recalling the map information from the database in response to a request for the map information, wherein the request is generated by user selection of an associated identifier in the list.

58. (Previously presented) A method according to Claim 57, further comprising receiving the request by detecting a mouse-over of the associated identifier.

59. (Previously presented) A method according to Claim 56, further comprising deleting the map information from the database after a predetermined period of inactivity.

60. (Currently amended) A computer-implemented system for mapping information on a wide area network, the system comprising a host connected to said network and operably associated with a memory holding executable instructions for:

mapping a plurality of target pages, each of the target pages having a network address and comprising at least one hyperlink to a related page;

identifying a set of linked related pages for each of the plurality of target pages;

automatically selecting objects from the target pages and each set of linked related pages, the objects comprising at least one hyperlink from a first page to a second page in the set of related pages, for each of the plurality of target pages, and non-hyperlink information objects;

generating map information regarding the target pages and each set of linked related pages, the mapping information comprising a descriptor of each of the objects selected from each set and a descriptor of selected pages from each set, for each of the plurality of target pages; and

compiling a list in response to a query for information, the list comprising identifiers for the plurality of target pages having a set of linked related pages comprising information responsive to the query, wherein each identifier in the list is associated with at least a portion of the map information generated for each respective set of linked related pages.

61. (Previously presented) A system according to Claim 60, wherein the instructions further comprise creating a map page comprising a graphical representation of selected map information for at least one of the set of linked related pages.

62. (Previously presented) A system according to Claim 61, wherein the creating step of the instructions further comprises representing the selected map information as a hierarchy of linked pages.

63. (Previously presented) A system according to Claim 61, wherein the instructions further comprise serving the map page in response to selection of an associated one of the identifiers in the list.

64. (Currently amended) A system according to Claim 61, wherein the creating step of the instructions further comprises including a thumbnail image in the map page, wherein the thumbnail image comprises a reduced-size image generated from ~~graphical information~~ a non-reduced size image in the set of linked related pages.

65. (Previously presented) A system according to Claim 60, wherein the instructions further comprise storing the map information in a database for later use in the compiling step.

66. (Previously presented) A system according to Claim 65, wherein the instructions further comprise recalling the map information from the database in response to a request for the map information, wherein the request is generated by user selection of an associated identifier in the list.

67. (Previously presented) A system according to Claim 66, wherein the instructions further comprise receiving the request by detecting a mouse-over of the associated identifier.

68. (Previously presented) A system according to Claim 60, wherein the instructions further comprise cooperating with an application module operating on a client computer, the application module configured for generating a map page from map information provided by the host.

69. (Previously presented) A system according to Claim 68, wherein the application module is a distributable application for delivery to the client computer.